

1AP20 Recd 27 JUL 2006

PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO		Complete if Known	
		Application Number	NEW, 1-231499 10587499
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Filing Date	July 27, 2006
		First Named Inventor	Yasuaki DEGUCHI
		Art Unit	N/A 1752
		Examiner Name	Not Yet Assigned - VTS/CON
Sheet	1	of	1
		Attorney Docket Number	0234-0516PUS1

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
LSW	AA*	US-20030228544-A1	09-27-2005	Ohshima et al.	2003-12
	AB*	US-2002/0164550-A1	11-07-2002	Yoshida	
	AC*	US-5,198,328-A	03-30-1993	Shiba et al.	
	AD*	US-5,320,938-A	06-14-1994	House et al.	
	AE*	US-5,399,475-A	03-21-1995	Hasebe et al.	
	AF*	US-2002/0058216-A1	05-16-2002	Nakamura et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document Country Code ² -Number ² -Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
LSW	BA	JP-2004-4421-A	01-08-2004			ISR
	BB	JP-2000-122209-A	04-28-2000			ISR
	BC	JP-2003-215776-A	07-30-2003			ABS
	BD	JP-7-34103-B2	04-12-1995			✓
	BE	JP-2001-166411-A	06-22-2001			ABS
	BF	JP-2002-23295-A	01-23-2002			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(i)) because that application was filed after June 30, 2003 or is available in the IFW. * Applicant's unique citation designation number (optional). * See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. * Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). * For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. * Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. * Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*Applicant's unique citation designation number (optional). *Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	<i>[Signature]</i>	Date Considered	6-13-07
--------------------	--------------------	-----------------	---------

Birch, Stewart, Kolasch & Birch, LLP

MSW/smt